

# PATENT ABSTRACTS OF JAPAN

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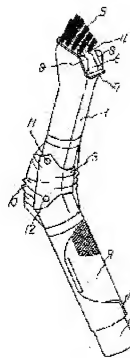
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## (54) NOZZLE FOR VACUUM CLEANER

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a convenient nozzle for a vacuum cleaner with which the corner and the upper surface of a shelf or the like can be cleaned and the clogging of which can be readily cleaned, solving the problem that the various types of conventional nozzles for the vacuum cleaner is inconvenient and clogged.

**SOLUTION:** A square nozzle 1 and a rear pipe 2 are connected to a joint 3 with rotating shafts 11 and 12 in a flexible state, the connected portion is covered with a cover 10, a suction hole 6 and a longitudinal hole 4 which are continuously connected are surrounded with a frame, the part from the center to the front of an end portion of the frame is flattened to attach a brush 5 with a slope where the length of bristles is made longer toward the front end, the part from the center to the rear is inclined toward the rear part, a rear end 7 of the frame is raised, guards 8 are attached on both sides of the frame, a hole 13 is bored at the upper part from the frame at the end, and a curved rake 9 with a stick 15 is fitted to the center part of the rear pipe 2.



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